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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/090,115	02/27/2002	Robert A. Luciano JR.	732.448 SDG.CIP-VerticalI	3454

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EXAMINER

WILLIAMS, KEVIN D

ART UNIT	PAPER NUMBER
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2854

DATE MAILED: 09/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/090,115

Applicant(s)

LUCIANO ET AL.

Examiner

Kevin D. Williams

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 June 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 and 19-32 is/are rejected.
- 7) ☒ Claim(s) 17, 18, 33 and 34 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 June 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Claim Objections

1. Claims 9, 19, and 26 are objected to because of the following informalities:

Claim 9 recites the limitation "the roller" in lines 1 and 2. There appears to be insufficient antecedent basis for the limitation in the claim.

The phrase "the portion of the secure compartment includes interior of an opening from the top surface, the method comprising" in claim 19, lines 3 and 4 is awkward. It does not appear that the "portion" can include "the method." Appropriate correction is required.

Claim 18 recites the limitations "the spring mechanism" and "the locking mechanism." There is no antecedent basis for the limitations in the claim. It appears that applicant intended for claim 18 to depend from claim 17. The examiner has applied prior art to claim 18 as if it depends from claim 17.

In claim 26, line 9, it seems that "to printer" should be --to the printer--.

In claim 27, lines 2 and 6, it seems that "guide" should be--glide--.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-18, and 26-34 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 is directed to a printer system and claim 26 is directed to a mount. The "device" is not a part of the printer system or the mount. Therefore, it is unclear whether the "device" is a positive part of the invention. Please note that claims 2 and 3 also claim the device.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 3, 5, 6, 8, 10-13, 19-23, 25, 26, and 28 are rejected under 35 U.S.C. 102(b) as being anticipated by Ramachandran (US 5,483,047).

With respect to claims 1, 3, 5, 6, 8, and 10-13, Ramachandran teaches a printer system for a device, the device comprising a top surface 18 positioned at an acute angle relative to a floor, the device being an automated teller machine and further comprising a secure compartment, wherein a portion of the secure compartment includes interior of an opening from the top surface 18, the printer system comprising a support frame 40 being positioned in the secure compartment, the support frame being attachable to the device, the support frame comprising at least one glide rail (noted in Fig. 20) attached to the support frame, a printer assembly 34 attached to the support

frame and comprising a media holder 66 being adapted to hold printable media, a chassis 46 intermediate and attached to the media holder, a printer 34,90 attached to the chassis 46 and adapted to print on the media, wherein in a first position the printer assembly is positioned substantially inside the secure compartment, wherein in a second position the printer assembly is extended away from the secure compartment, the printer assembly 34 being slidably attached to the support frame 40, the printer assembly being removably attached to the support frame, a cover 118 being attached to the chassis and having an opening being adapted to allow printable media to pass therethrough, the printer assembly being movable to a third position in which the printer assembly is completely removed from the support frame (when 46 is completely removed; Fig. 2), the media holder 66 is accessible for the addition of media when the printer assembly is in the second position, the printer being removably attached to the chassis and can be removed from the chassis when the printer assembly is in the second position,

With respect to claims 19-23, 25, 26, and 28, Ramachandran teaches a method of situating a printer system inside a portion of a secure compartment of a device, the device comprising a top surface 18 positioned at an acute angle relative to a floor, wherein the portion of the secure compartment includes interior of an opening from the top surface, the method comprising providing a support frame 40 positioned in the secure compartment, the support frame comprising at least one glide rail (noted in Fig. 20) having an entry end and a stopping end (noted in Fig. 20), providing a print assembly 34, the print assembly comprising a media holder 46, a chassis 110 attached

to the media holder, and a printer 90 attached to the chassis, attaching the media holder to the glide rail of the support frame, sliding the media holder from the entry end to the stopping end of the glide rail thereby allowing the print assembly to be situated substantially inside the secure compartment, wherein media from media holder travels in a substantially vertical direction (bottom to top as roll 72 turns) from holder to the printer, wherein the print assembly remains movable away from the secure compartment by sliding the media holder from the stopping end to the entry end, a gap (noted in Fig. 5) formed within the glide rail and adjacent to the entry end of the glide rail, wherein the print assembly remains removeable from the support frame by sliding the media holder from the stopping end to the entry end and by allowing the media holder to exit out of the glide rail through the gap (Fig. 2 shows that 46 can be completely removed from frame 40), the media holder 46 remaining accessible for adding media in the media holder by sliding the media holder from the stopping end to the entry end, the printer remaining accessible for replacement and service by sliding the media holder from the stopping end to the entry end, the method further comprising providing a cover 18 attached to the chassis (col. 7, lines 47-52), the cover having an opening 26 being adapted to allow media to pass therethrough, displacing the cover (Fig. 2) substantially outside the secure compartment of the device wherein media is presented to a user from the cover opening.

With respect to claims 26 and 28, Ramachandran teaches a mount for vertically mounting a printer inside a secure compartment of a device, the device comprising a top surface positioned at an acute angle relative to a floor, the mount comprising a

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support frame 40 attachable to the device, a media holder 46 vertically attached to the support frame, the media holder comprising a plurality of walls (side walls and bottom wall of 46 in Fig. 2), the walls being configured to form a substantial enclosure to hold printable media, the walls defining a cavity (between the side walls of 46 in Fig. 2) on at least one side of the media holder, wherein the media holder 46 is adapted to be attachable to the printer 34 intermediate to the media holder, the media holder being completely removable from the support frame (Fig. 2), a glide rail (noted in Fig. 20) on the support frame, the glide rail having an entry end and a stopping end, the glide rail comprising a gap formed therein, the media holder passing through the gap when the media holder is removed from the support frame, and the media holder being accessible for the addition of media when the media holder is slid adjacent to the entry end of the guide rail.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 2 and 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ramachandran in view of Small (US 5,442,567).

Ramachandran teaches the claimed invention except for the device being a slant top gaming device, and the printer system replacing a coin box of the gaming device.

Small teaches a slant top gaming device and a cash/coin box.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ramachandran to have the device be a gaming device and for the printer system to replace the coin box, in order to conveniently provide printing capabilities in the same device as the game.

7. Claims 7, 9, 27, 29, and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ramachandran in view of Kimura (US 5,593,149).

Ramachandran teaches the claimed invention except for the roller attached to the media holder and being retained by the glide rail.

Kimura teaches a roller 7 retained by a glide rail 6.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ramachandran to have the roller of Kimura attached to the media holder, in order to reduce the amount of force needed to move the media holder by decreasing the friction between the support frame and the media holder.

8. Claims 14-16, 24, 31, and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ramachandran in view of Bemis (US 5,593,149).

Ramachandran teaches the claimed invention except for the media holder comprising a latch pin that engages the support frame in the second position, the latch pin being configured to hold the printer assembly in the second position, a locking mechanism being attached between the support frame and the media holder and being adapted to lock the printer assembly to the support frame, tilting the printer assembly

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toward the support frame such that a latch pin on the printer assembly engages the support frame.

Bemis teaches a device having a locking mechanism being a spring biased latch pin 27 for locking one device relative to another.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ramachandran to have the media holder have the locking mechanism of Bemis engage the support frame, in order to secure the printer assembly in the second position by utilizing a reliable, fast acting, and inexpensive locking mechanism.

Allowable Subject Matter

9. Claims 17, 18, 33, and 34 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

The primary reason for the indication of the allowability of claims 17 and 33 is the limitation of a spring mechanism attached to the support frame and being adapted to urge the printer assembly away from the support frame when the locking mechanism is released.

The primary reason for the indication of the allowability of claim 18 is the limitation of a tab attached to the media holder and being adapted to engage the spring

mechanism after the locking mechanism is released, where the tab is adapted to prevent the spring mechanism from urging the printer assembly completely away from the support frame.


Conclusion

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin D. Williams whose telephone number is (703) 305-3036. The examiner can normally be reached on Monday - Friday, 8:30am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew H. Hirshfeld can be reached on (703) 305-6619. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

KDW



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